



**DEPARTMENT OF PESTICIDE REGULATION  
PESTICIDE REGISTRATION AND EVALUATION COMMITTEE  
Meeting Minutes – May 18, 2007**

Committee Members/Alternates in Attendance:

Patti L. TenBrook, U.S. Environmental Protection Agency, Reg. 9 (USEPA)  
Martha Harnly, Department of Health Services (DHS-EHIB)  
Barry Wilson, University of California Department of Environmental Toxicology (UCD)  
Syed Ali, State Water Resources Control Board (SWRCB)  
Rebecca Sisco, University of California IR-4 Program  
Anna Fan, Office of Environmental Health Hazard Assessment (OEHHA)  
Stella Borucki, Department of Fish and Game (DFG)  
Brian Larimore, Integrated Waste Management Board (IWMB)  
Barbara Todd, Department of Food and Agriculture (CDFA)  
Tobi Jones, Department of Pesticide Regulation (DPR)

Visitors in Attendance:

Nasser Dean, Western Plant Health Assn.  
Denise Webster, DPR  
Jeanne Martin, DPR  
Mark Rentz, DPR  
Marshall Lee, DPR  
Margie Lopez-Read, Central Valley RWQCB  
Paul Hann, Central Valley RWQCB  
John Swanson, Central Valley RWQCB  
Dania Huggins, Central Valley RWQCB  
Kathleen Groody, SWRCB  
Brian Bret, Dow Agro Sciences  
Jamie Boone, Dow Agro Sciences  
John Pearson, Compliance Services  
Darren Van Steenwick, Clark Pest Control  
Greg Hyatt, Inside Washington Publishers

1. Introductions and Committee Business - Tobi Jones, Chairperson, DPR

- a. About 25 people attended the meeting.
- b. There were no corrections to the minutes of the previous meeting held on March 16, 2007.



2. Update on Monitoring under the Irrigated Lands Program – Margie Lopez-Read, Central Valley Regional Water Quality Control Board

A brief presentation was made by Margie Lopez-Read of the Central Valley Regional Water Quality Control Board at the June 2007 PREC meeting, pertaining to the 2007 Monitoring Review for the Irrigated Lands Conditional Waiver Program. The presentation discussed the information that will be presented at a Water Board meeting in August, which is intended to inform of the first three years of monitoring for the program.

The objectives for the 2007 Monitoring Review, the sources of information and the results were summarized at the presentation. Objectives for the Review include providing a baseline assessment regarding the status of water quality in Central Valley water bodies affected by irrigated agriculture. It also informs about areas for which more monitoring would be beneficial, and on areas for which management practice implementation can be improved. In general the 2007 Monitoring Review can provide information that will help in effective decision-making for the Irrigated Lands Program.

Most of the monitoring data resulted from routine monitoring reports submitted to the Water Board by eight Coalition Groups and five Individual Dischargers – all of which are irrigation districts. A significant amount of data that has been collected via contract with the University of California, as well as supplemental monitoring conducted by Water Board staff. The 2007 Review utilizes this data and compares the results to our own water board regulations and policies, which include our Sacramento, San Joaquin, and Tulare Lake Basin water quality control plans.

For the purposes of discussion in the 2007 Review, the Central Valley Region is divided into four “zones”. The zones are generally based on distinctions that are geographic and that result in variations in topography, hydrology, and crop type. There are also some specific differences in water quality objectives that are required in different areas, which are specified in our Basin Plans.

The presentation provided some details regarding the four species used in toxicity tests throughout the Central Valley, including the type of pesticides and other contaminants that affect each species, the frequency of toxicity, and the locations where it occurred. For many areas within each zone the 2007 Review establishes baseline water quality conditions from which to base program success.

Some of the more immediate challenges to the program changes include the need to determine an approach to measure program effectiveness as well as to evaluate trends.

3. Light Brown Apple Moth Quarantine – Cliff Ramos, Department of Food and Agriculture

Cliff Ramos provided background on light brown apple moth (LBAM), a new pest that has been identified in portions of the San Francisco Bay Area. LBAM is native to Australia and has been introduced in several other countries. It has a broad host range affecting plants, flowers, fruits, and vegetables. A federal quarantine has been issued affecting interstate movement of certain plant articles in the affected counties. Cliff discussed the Department of Food and Agriculture's (CDFA) monitoring effort designed to assess the extent of infestation. Initial control efforts are focused on nurseries. CDFA convened a scientific advisory panel to advise on treatment strategies and is awaiting their recommendations.

4. Rationale for Refining Volatile Organic Compound (VOC) Emissions Calculation Procedures - Frank Spurlock, DPR

DPR recently proposed a revision in the volatile organic compound emission procedures for fumigants. The proposal is coordinated with the recently noticed fumigant regulations whose purpose is to reduce VOC emissions from pesticides. The current VOC calculation procedure estimates VOC emissions as the product of pounds pesticide applied and the emission potential end-use product (EP). The EP is that fraction of a pesticide assumed to contribute to VOC emissions. Fumigant EPs are currently assumed equal to 100% for soil applications of fumigants. However, numerous studies have demonstrated that actual emissions are usually less than 100%, depending on fumigant and application method. The revised procedure estimates fumigant emissions by accounting for these reduced emissions under field conditions by applying an application method adjustment factor based on measured field studies, and by accounting for the frequency with which different application methods are used in particular areas (i.e. non-attainment areas). The application method adjustment factors are based on measured field data, and provide more realistic estimates of fumigant emissions from field applications.

5. Update on Residential Outdoor Misting Systems – Tobi Jones, DPR

The chair references past discussions with the committee on misting systems for mosquito control, and the concerns that other state pesticide regulators had about these devices. Since that time, U.S. EPA convened a workshop (U.S. EPA does not regulate the application device, but regulates the products used in the device), to discuss the issue. Tobi Jones provided the committee a handout the U.S. EPA has developed to advise consumers about the application devices and questions they may want to ask of the device provider prior to purchasing.

6. Agenda Items for Next Meeting- Tobi Jones, DPR

The next meeting will be held on Friday, July 20, 2007, In the Sierra Room on the second floor of the Cal/EPA building, located at 1001 I Street, Sacramento, California.

7. Closing Comments - Tobi Jones, DPR

The meeting was adjourned.